

217/782-2113

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT

PERMITTEE

Bag Makers, Inc.
Attn: Don Brown
6606 South Union Road
Union, Illinois 60180

Application No.: 03070014
Applicant's Designation:
Subject: Packaging Printing Plant
Date Issued:
Location: 6606 South Union Road, Union

I.D. No.: 111804AAD
Date Received: July 1, 2003
Expiration Date:

This permit is hereby granted to the above-designated Permittee to OPERATE emission unit(s) and/or air pollution control equipment consisting of fifteen flexographic and ten silk screen printing presses pursuant to the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special condition(s):

- 1a. This federally enforceable state operating permit is issued to limit the emissions of air pollutants from the source to less than major source thresholds (i.e., 25 tons/year for volatile organic material (VOM), 10 tons/year for a single hazardous air pollutant (HAP) and 25 tons/year for totaled HAPs). As a result the source is excluded from the requirement to obtain a Clean Air Act Permit Program (CAAPP) permit. The maximum emissions of this source, as limited by the conditions of this permit, are described in Attachment A.
- b. Prior to issuance, a draft of this permit has undergone a public notice and comment period.
- c. This permit supersedes all operating permits issued for this location.
2. This permit is issued based upon the flexographic printing presses not being subject to the VOM control requirements of 35 Ill. Adm. Code 218.401: Flexographic and Rotogravure Printing. This is consequence of the Potential to Emit and Maximum Theoretical Emissions of VOM being less than applicability threshold of 25 tons per year and 100 tons year, respectively, as established in Section 218.401(a).
3. The emissions of Hazardous Air Pollutants (HAP) as listed in Section 112(b) of the Clean Air Act shall be less than 10 tons/year of any single HAP and 25 tons/year of any combination of such HAPs. As a result of this condition, this permit is issued based on the emissions of all HAPs from this source not triggering the requirements to obtain a Clean Air Act Permit Program Permit (CAAPP) permit.
4. Plant-wide emissions from printing operations shall not exceed 1.0 ton/week and 24.5 tons/year.

The VOM and HAP emissions shall be determined from the following equation on a weekly basis:

$$E = [\Sigma(M_i \times C_i) - W \times C_w]/2,000, \text{ where:}$$

E - VOM/HAP emissions (tons);
M_i - Raw material usage (gal/week);
C_i - VOM/HAP content of the raw material (lb/gal);
W - certified amount of waste shipped-off (gal/week);
C_w - certified VOM/HAP content of the waste (lb/gal).

Value of C_w for the current reporting period shall be used from the most recent waste shipment. Upon receiving updated C_w for the reporting period emissions shall be recalculated. Compliance with annual limits shall be determined from a running total of 52 weeks of data.

5. The Permittee shall maintain weekly records of the following items:
 - a. Amount of each VOM/HAP containing material used in the printing and clean-up operations (ton/wk, ton/yr);
 - b. VOM and HAP content of each VOM/HAP containing material used in printing and clean-up operations (weight percent);
 - c. Certified amount of waste shipped-off (ton/wk, ton/yr) and its VOM content (lb/gal);
 - d. VOM and HAP emission calculations (ton/wk, ton/yr).
6. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least three years from the date of entry and shall be made available for inspection and copying by the Illinois EPA or USEPA upon request. Any records retained in an electronic format (e.g., computer) shall be capable of being retrieved and printed on paper during normal source office hours so as to be able to respond to an Illinois EPA or USEPA request for records during the course of a source inspection.
7. If there is an exceedance of the requirements of this permit as determined by the records required by this permit, the Permittee shall submit a report to the Illinois EPA's Compliance Section in Springfield, Illinois within 30 days after the exceedance. The report shall include the emissions released in accordance with the recordkeeping requirements, a copy of the relevant records, and a description of the exceedance or violation and efforts to reduce emissions and future occurrences.
8. Two (2) copies of required reports and notifications concerning equipment operation or repairs, performance testing or a continuous monitoring system shall be sent to:

Illinois Environmental Protection Agency
Division of Air Pollution Control
Compliance Section (#40)
P.O. Box 19276
Springfield, Illinois 62794-9276

and one (1) copy shall be sent to the Illinois EPA's regional office at the following address unless otherwise indicated:

Illinois Environmental Protection Agency
Division of Air Pollution Control
9511 West Harrison
Des Plaines, Illinois 60016

If you have any questions on this, please call Valeriy Brodsky at 217/782-2113.

Donald E. Sutton, P.E.
Manager, Permit Section
Division of Air Pollution Control

DES:VBJ:
cc: Illinois EPA, FOS Region 1
Lotus Notes

Attachment A - Emission Summary

This attachment provides a summary of the maximum emissions from the packaging printing facility operating in compliance with the requirements of this federally enforceable permit. In preparing this summary, the Illinois EPA used the annual operating scenario which results in maximum emissions from such a plant. The resulting maximum emissions are below the levels, e.g., 25 tons/year for volatile organic material (VOM), 10 tons per year for a single HAP, and 25 tons per year for totaled HAP at which this source would be considered a major source for purposes of the Clean Air Act Permit Program. Actual emissions from this source will be less than predicted in this summary to the extent that less material is handled and control measures are more effective than required in this permit.

Emissions (tons/yr)			
Process	VOM	Single HAP	Total HAP
Printing Operations	24.5	<10	<25

VJB: